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Contact Information

To contact the Division of Air Quality
or for more information, please call:

801-536-4000

or visit one of the following Web sites:

www.airquality.utah.gov

For general air quality information,
regulations, and contact information.

[www.rules.utah.gov/
publicat/code/r307/r307-354.htm](http://www.rules.utah.gov/publicat/code/r307/r307-354.htm)

For the regulations
described in this document.

Utah Department of Environmental Quality Division of Air Quality

Information Sheet

Automotive Refinishing Coatings Requirements

(Box Elder, Cache, Davis, Salt Lake, Tooele,
Utah, and Weber Counties)

Automotive Refinishing Coatings contain Volatile Organic Compounds (VOC) that are emitted into the atmosphere. VOC emissions react in the atmosphere to form microscopic particles called $PM_{2.5}$. Limits on VOC containing materials are established in the Utah Administrative Code (UAC) Rule R307-354 which can be viewed online at:

www.rules.utah.gov/publicat/code/r307/r307-354.htm

Applicability

The rule applies to sources located in Box Elder, Cache, Davis, Salt Lake, Tooele, Utah and Weber counties that have the potential to emit (PTE) of 2.7 tons per year or more of VOC.

VOC Emissions include related cleaning activities

These requirements shall not apply to any canned aerosol coating products.

Work Practices

Control techniques and work practices are to be implemented at all times to reduce VOC emissions from fugitive type sources. Control techniques and work practices include:

- Tight fitting covers for open tanks.
- Covered containers for solvent wiping cloths.
- Collection hoods for areas where solvent is used for cleanup.
- Minimizing spill of VOC-containing cleaning materials.
- Conveying VOC-containing materials from one location to another in closed containers or pipes.
- Cleaning spray guns in enclosed systems or a non-enclosed paint gun cleaner may be used if the vapor pressure of the cleaning solvent is less than 100 mm Hg at 68 degrees Fahrenheit and the solvent is directed towards a drain that leads directly to an enclosed remote reservoir.

Emissions Standards

Each owner or operator shall not apply coatings with a VOC content in excess of the amounts specified in the table below or shall use an add-on control device provided it will attain at least 90% efficiency as certified by the manufacturer.

Automotive Refinishing VOC Limits

Coating Category	VOC Emission Rates
Adhesion Promoter	4.5
Clear Coating	2.1
Color Coating	3.5
Multi-color Coating	5.7
Pretreatment Coating	5.5
Primer	2.1
Primer Sealer	2.1
Single-stage Coating	2.8
Temporary Protective Coating	0.5
Truck Bed Liner Coating	2.6
Underbody Coating	3.6
Uniform Finish Coating	4.5
Any Other Coating Type	2.1

Values in pounds of VOC per gallon of coating as applied, minus water and exempt solvent (non VOC)

Application Equipment Requirements

A person shall not apply any coating to an automotive part or component unless the coating application method achieves a 65% transfer efficiency.

The following coating application methods meet this requirement when conducted in accordance with the manufacturers specifications:

- Brush
- Dip or Roll Coating
- Electrostatic Application
- High Volume, Low Pressure (HVLV) Spray Application
- Other Coating Application Methods Certified by Manufacturer to Meet this Requirement

Record Keeping Requirements

All sources subject to this rule shall maintain records demonstrating compliance with all provisions on an annual basis. Records shall include, but not be limited to, inventory and product data sheets of all coatings and solvents subject to the rule. These records shall be available to the director upon request. Owner operators shall maintain records for a minimum of two years.

